

105 →

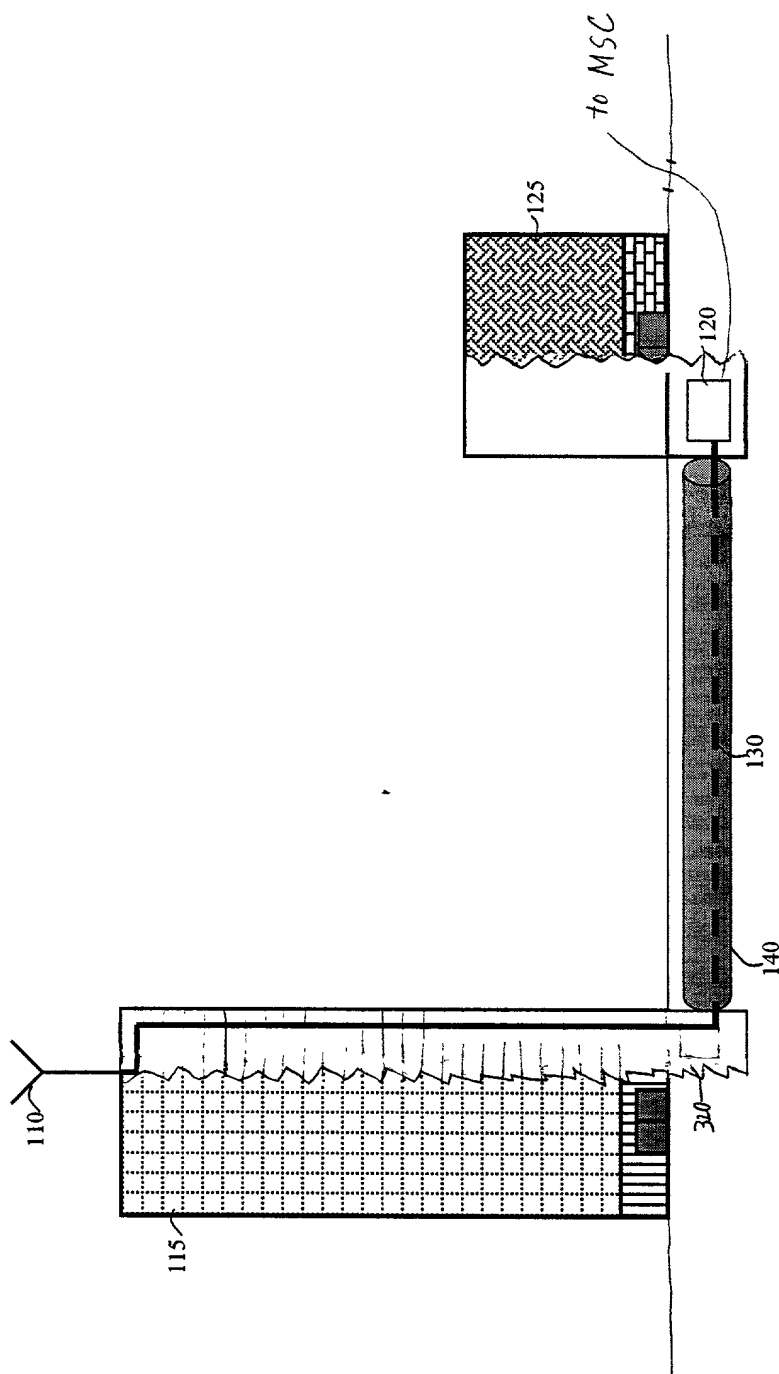


Figure 1

205 →

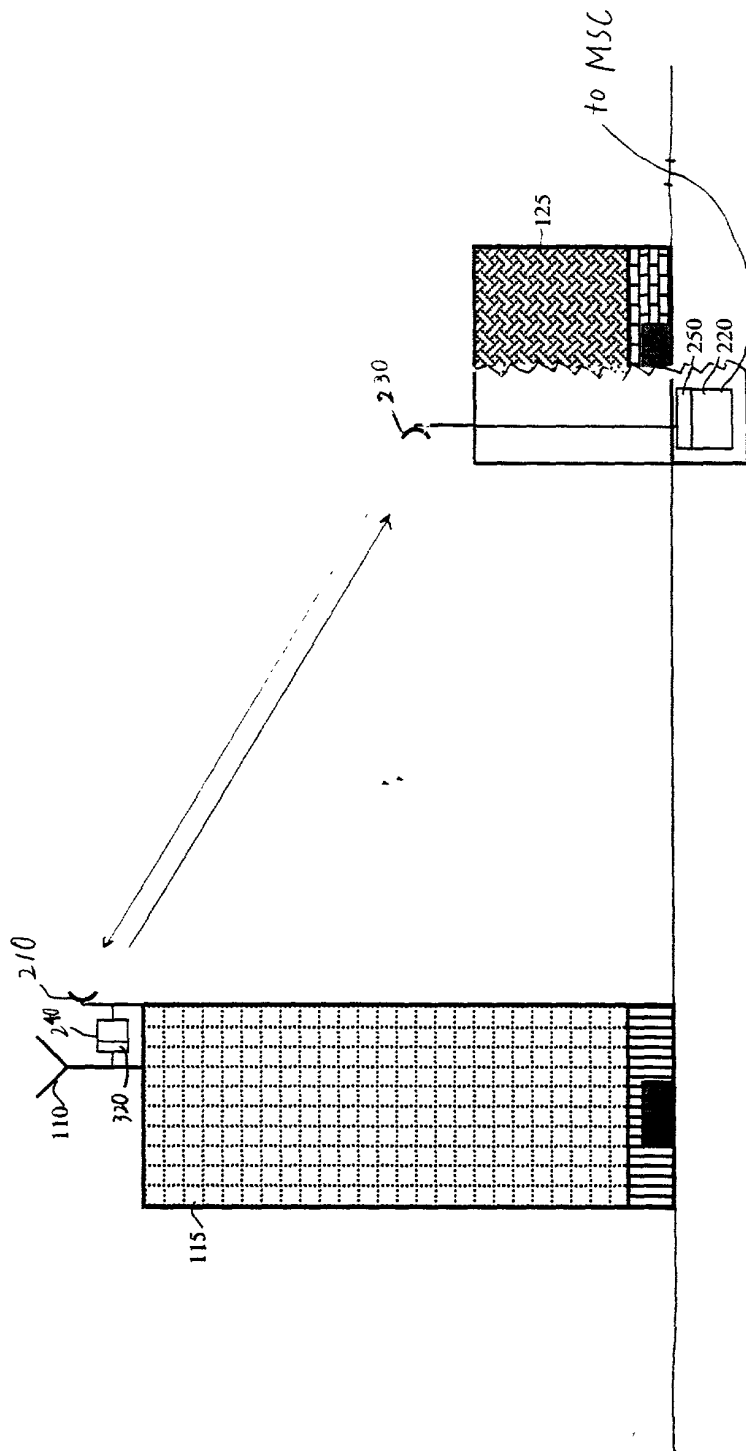


Figure 2

FIG. 3 is a block diagram of an equipment module 240, which is a part of a system 210. The equipment module 240 includes an RF-module 320, an optical-module 330, and a control unit 350. The RF-module 320 includes an RF filter 360, a radio 368, and an optical-to-electrical converter 380. The optical-module 330 includes an optical transmitter 337, an optical receiver 347, and a photo-detector 343. The control unit 350 is connected to the RF-module 320 and the optical-module 330. The system 210 is connected to an RF antenna 110 via a TO/FROM line.

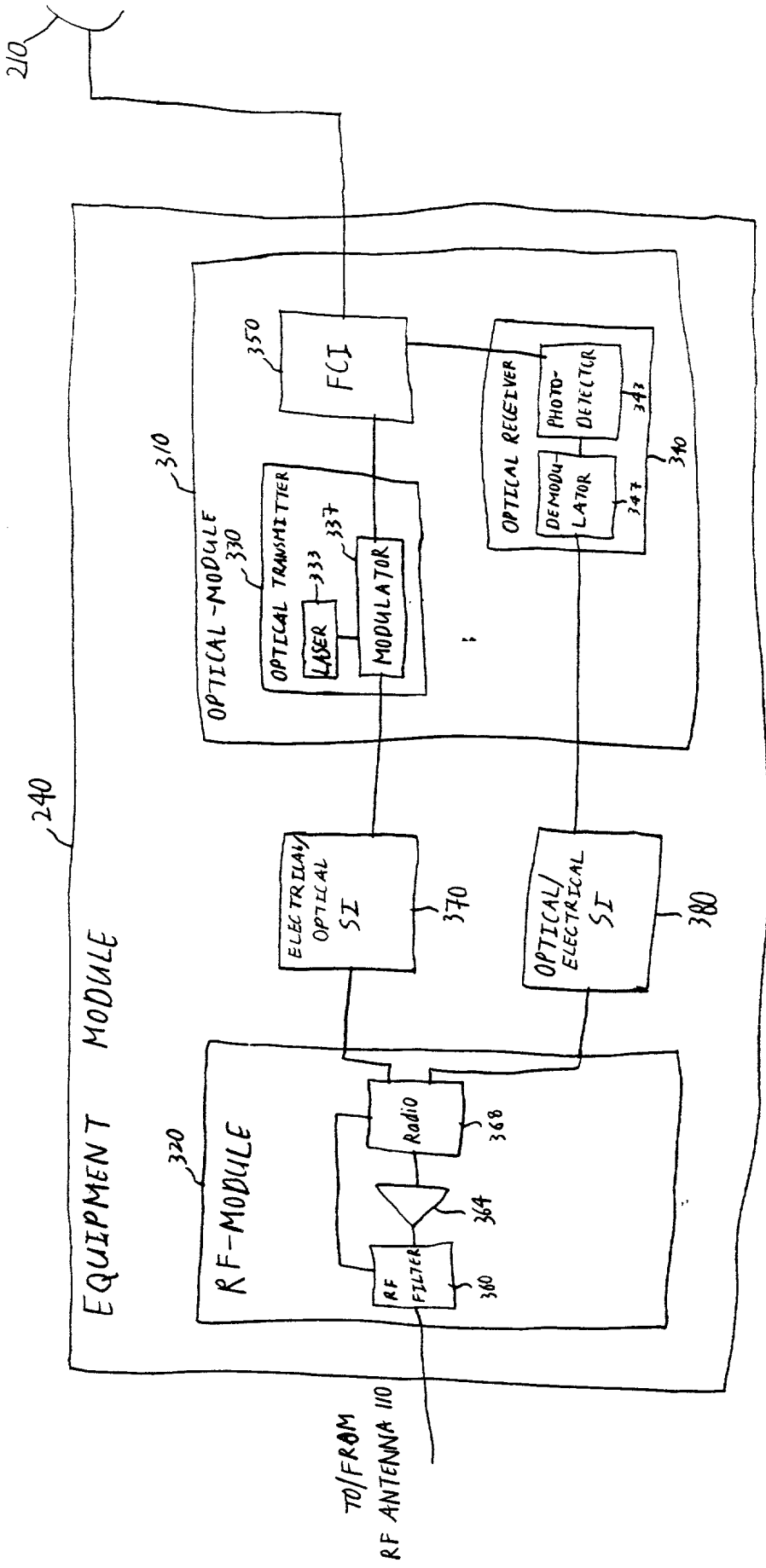


Figure 3

Figure 4 is a block diagram of an equipment module 250. The module 250 includes an optical module 310, an electrical optical SI 370, an optical electrical SI 380, and a processing/control section 220. The optical module 310 includes an FCI 350, an optical transmitter 330, and an optical receiver 340. The optical transmitter 330 includes a laser 333 and a modulator 337. The optical receiver 340 includes a photo-detector 347 and a demodulator 343. The processing/control section 220 is connected to the optical module 310, the electrical optical SI 370, and the optical electrical SI 380. The equipment module 250 is connected to a TO/FROM processing/control section 220.

250

230

EQUIPMENT MODULE

310

OPTICAL-MODULE

FCI

OPTICAL TRANSMITTER

LASER

MODULATOR

OPTICAL-RECEIVER

PHOTO-DETECTOR

DEMODULATOR

ELECTRICAL OPTICAL SI

OPTICAL ELECTRICAL SI

TO/FROM PROCESSING/CONTROL SECTION 220

Figure 4

FIG. 5 is a schematic diagram of a system for providing a user with a user interface for a system.

550 →

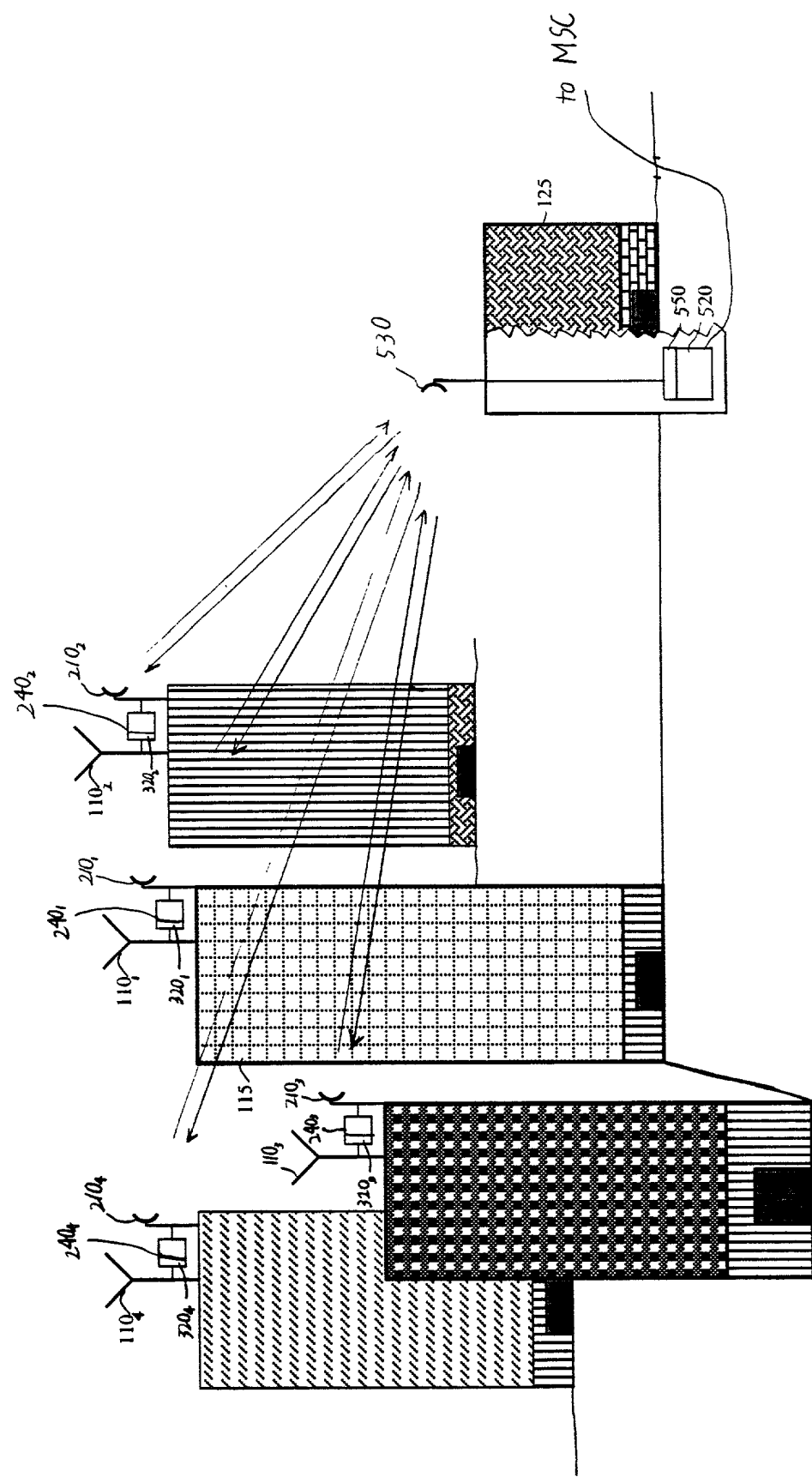


Figure 5